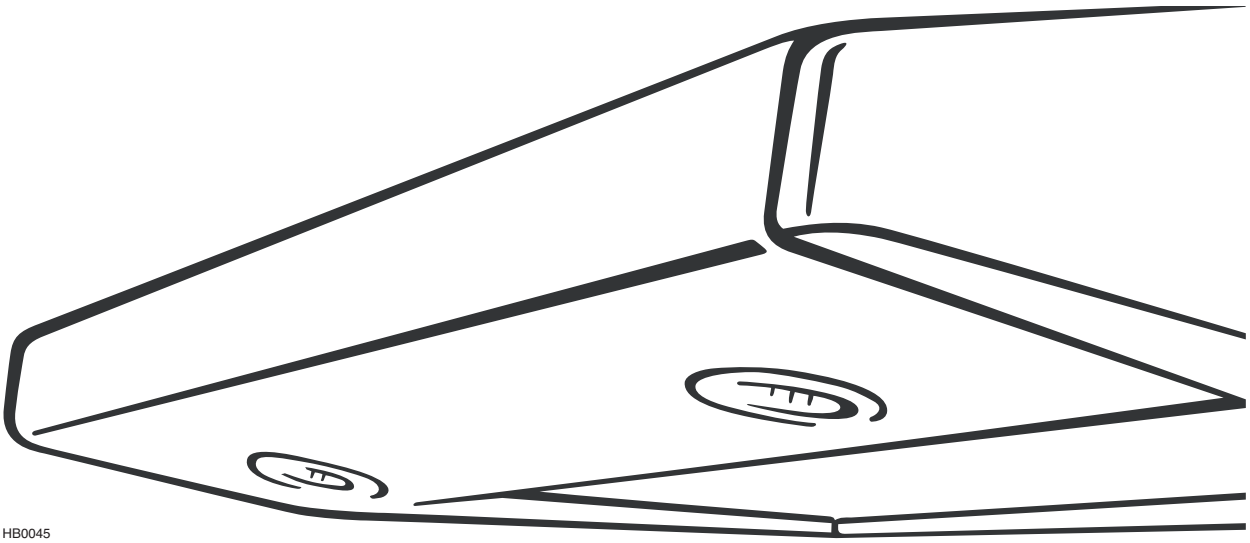
RANGE HOODS
INSTALLATION INSTRUCTIONS - USE AND CARE



HB0045

⚠ INTENDED FOR DOMESTIC COOKING ONLY ⚠

READ AND SAVE THESE INSTRUCTIONS

INSTALLER: LEAVE THIS MANUAL WITH HOMEOWNER.
HOMEOWNER: CLEANING AND OPERATION INFORMATION
ON PAGES 8 to 11.

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07020 rev. -

⚠ WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.
2. Before servicing or cleaning unit, switch power off at service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by qualified personnel in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. Do not use this unit with any solid-state speed control device.
8. To reduce the risk of fire, use only metal ductwork.
9. This unit must be grounded.

TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

a) Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.

b) Always turn hood ON when cooking at high heat or when cooking flaming foods.

c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.

d) Use proper pan size. Always use cookware appropriate for the size of the surface element.

⚠ WARNING

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING*:

1. SMOTHER FLAMES with a close-fitting lid, cookie sheet or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. IF THE FLAMES DO NOT GO OUT IMMEDIATELY, EVACUATE AND CALL THE FIRE DEPARTMENT.
2. NEVER PICK UP A FLAMING PAN – You may be burned.
3. DO NOT USE WATER, including wet dishcloths or towels – This could cause a violent steam explosion.
4. Use an extinguisher ONLY if:
   - **A.** You own a Class ABC extinguisher and you know how to operate it.
   - **B.** The fire is small and contained in the area where it started.
   - **C.** The fire department has been called.
   - **D.** You can fight the fire with your back to an exit.

*Based on "Kitchen Fire Safety Tips" published by NFPA.

CAUTION

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. To avoid motor bearing damage and noisy and/or unbalanced impeller, keep drywall spray, construction dust, etc. off power unit.
3. Your hood motor has a thermal overload which will automatically shut off the motor if it becomes overheated. The motor will restart when it will cool down. If the motor continues to shut off and restart, have the hood serviced.
4. The minimum hood distance above cooktop must not be less than 20" for an electric range, and 24" for a gas range. A maximum of 30" above cooktop is highly recommended for best capture of cooking impurities.
5. Two installers are recommended because of the large size and weight of this hood.
6. To reduce the risk of fire and to properly exhaust air, be sure to duct air outside – Do not exhaust air into spaces within walls or ceiling or into attics, crawl space or garage.
7. Refer to the specification label on product to see if this unit is equipped with a thermostat which may start blower automatically. In this case, to reduce the risk of injury and to prevent power from being switched on accidentally, switch power off at service panel and lock or tag service panel.
8. Because of the high exhausting capacity of this hood, you should make sure enough air is entering the house to replace exhausted air by opening a window close to or in the kitchen.
9. Use with approved cord-connection kit only.
10. Please read specification label on product for further information and requirements.
11. All demonstrator range hoods (model numbers ending by D) are not for sale; these hoods are only for demonstration purpose.

ABOUT THIS MANUAL

Because of the large amount of models covered by this publication, the illustrations are typical ones. Some details of your unit may be slightly different of the ones shown.

Please take note this manual uses the following symbols to emphasize particular information:

⚠ WARNING

Identifies an instruction which, if not followed, might cause serious personal injuries including possibility of death.

CAUTION

Denotes an instruction which, if not followed, may severely damage the unit and/or its components.

NOTE: Indicates supplementary information needed to fully complete an instruction.

HOOD INSTALLED WITH A CHARCOAL FILTER MODULE

A single blower range hood can be installed either with an exterior outlet or not.

If a single blower range hood is not installed with an exterior outlet, a charcoal filter module must be installed (sold separately). This module must be installed prior to proceed to the hood installation. Refer to the installation sheet included in the charcoal filter module kit.

CAUTION

All dual blower range hoods must always be installed with an exterior outlet. Never install a charcoal filter module with those specific range hoods.

TOOLS NEEDED TO INSTALL THE RANGE HOOD

- Phillips screwdriver #2 or Robertson #1 and #2
- Pair of long nose pliers (to open the horizontal or vertical discharge knockout hole)
- Hammer and flat blade screwdriver (to open the electrical knockout hole)
- Sheet metal sheers (ducted installation only, for duct adjustment)
- Pair of pliers (ducted installation only, for duct adjustment)
- Scissors (to cut duct tape)
- Pen
- Wire stripper

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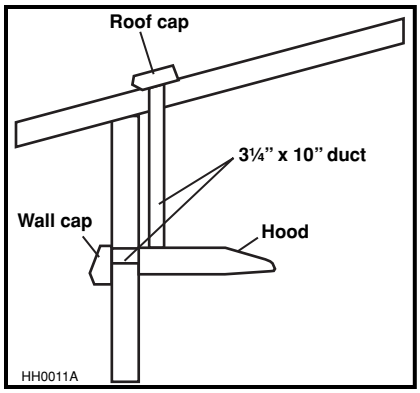
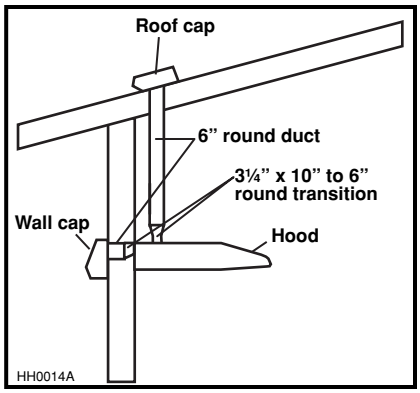
1. INSTALL DUCTWORK

Plan where and how the ductwork will be installed.

Install proper-sized ductwork, elbow(s) and roof or wall cap for the type of blower you are installing. If using 6" (150 mm) round ducts, use a transition. Use 2" (50 mm) duct tape to seal duct joints.



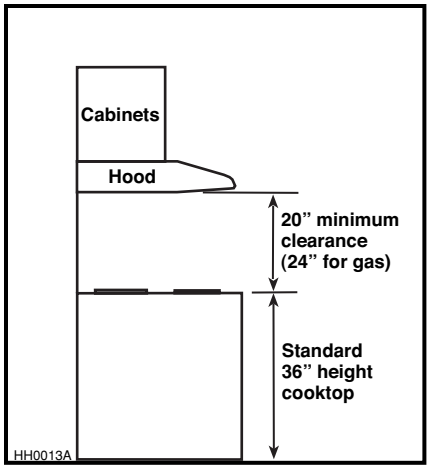


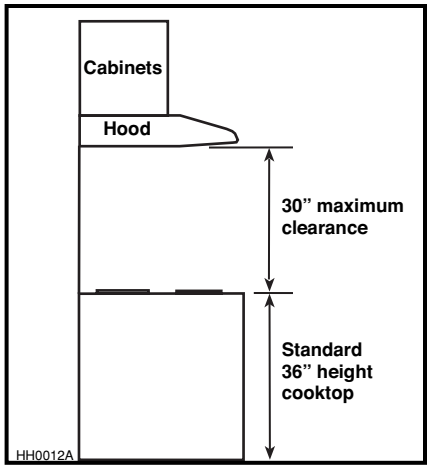
2. MEASURE THE INSTALLATION

Dimensions for the most common installations are shown below.

We recommend to install the hood at a minimum of 20" (508 mm) from an electric range and at 24" (610 mm) from a gas range.

For optimal performance, the hood should not be installed more than 30" (762 mm) from cooktop.





3. PREPARE THE INSTALLATION

Make sure the following items are included:

-Hood

-Filters (2)

-Adapter/damper assembly 3¼" x 10" (for single blower hood models, located inside the hood, under the bottom panel, and for double blower hood models, temporary assembled on back of the hood)

-Bag of parts including:

(1) wire clamp, (5) ½" double thread screws, (2) wire connectors and (6) ½" screws

Parts sold separately:

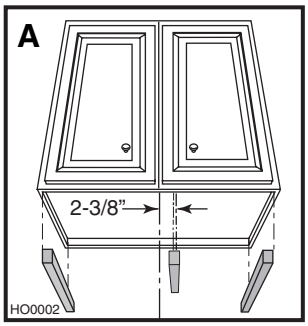
⚠ WARNING

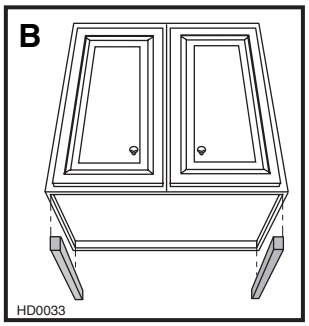
In order to prevent the risk of personal injury, do not install a lamp identified for use only in enclosed fixtures.

- Shielded halogen lamps (120 V, 50 W, MR16 with GU10 base or PAR16 with GU10 base)
- Transition 3¼"x 10" to 6" round (optional, for 6" round ducts installation only)

3. PREPARE THE INSTALLATION (CONT'D)

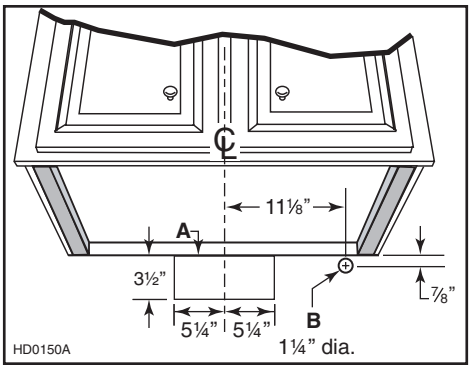
NOTE: If the bottom of the cupboard is recessed, attach wood strips (not included), as shown below, in order to properly install the range hood (**A**) or charcoal filter unit (**B**) (if need be) to the cabinet. The wood strips must be as thick as recess.



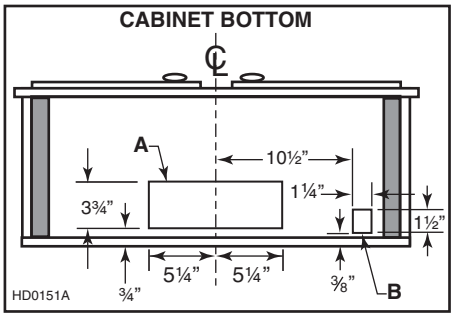


Cut-out the openings for duct (**A**) and power cable (**B**), in cabinet or wall, according to the direction of discharge chosen. See figures below.

HORIZONTAL DISCHARGE:



VERTICAL DISCHARGE:

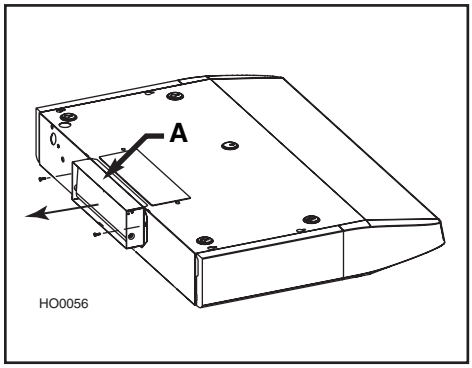


4. PREPARE THE HOOD

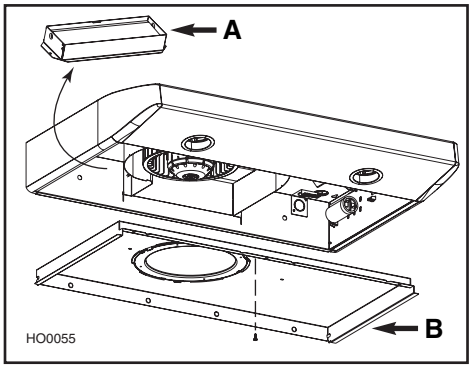
Remove both filters from the hood. Disassemble the adaptor/damper (**A**) from the hood.

NOTE: Depending on the hood model, the adapter/damper can be located on back of the hood (for double blower hoods) or inside the hood (for single blower hoods). In this last case, the bottom panel (**B**) must be removed to access the adapter/damper. Refer to figures below.

DOUBLE BLOWER HOOD:



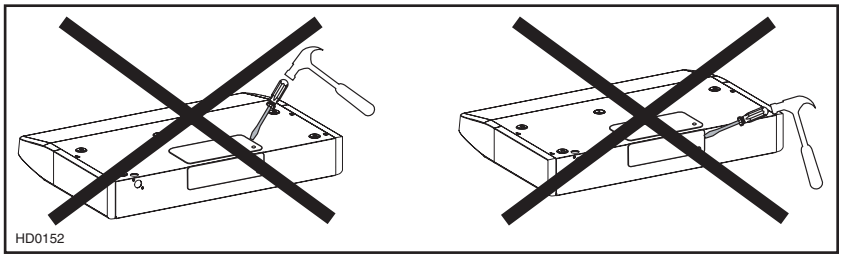
SINGLE BLOWER HOOD:



If it is not done yet, remove the bottom panel from the hood and set aside. Punch out the appropriate electrical knock-out hole.

CAUTION

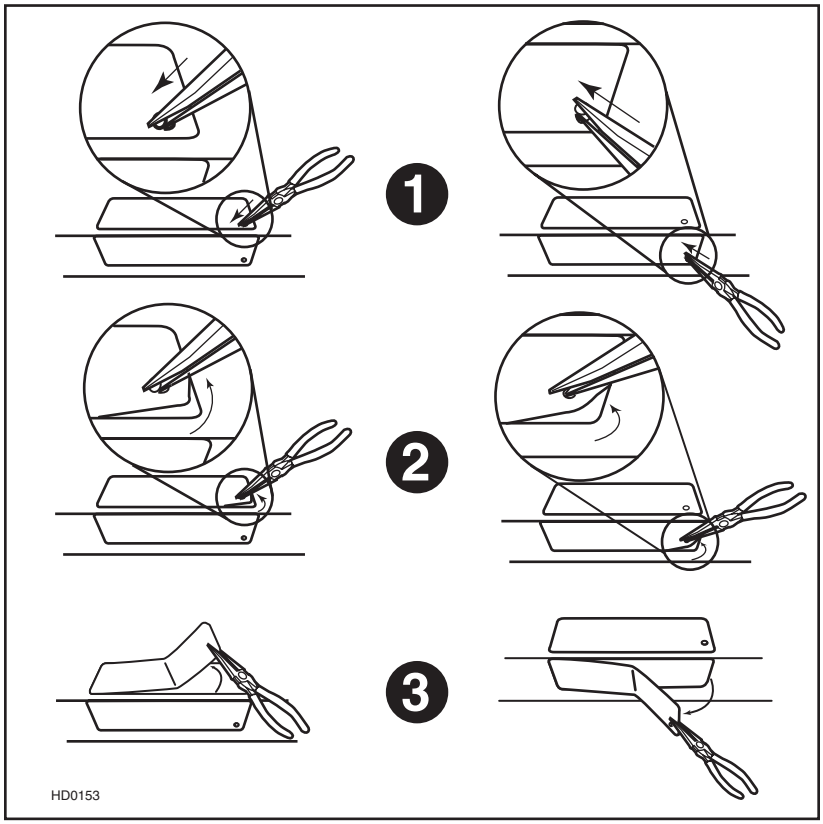
Never use a hammer and a screwdriver to punch out the vertical or horizontal discharge knock-out, because this will damage the hood internal parts.



4. PREPARE THE HOOD (CONT'D)

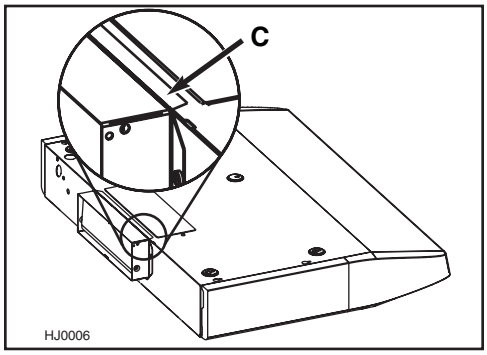
Using a long nose pliers, remove the knock-out for the chosen opening (vertical on top or horizontal at the back of the hood). See figures below.

VERTICAL DISCHARGE: **HORIZONTAL DISCHARGE:**

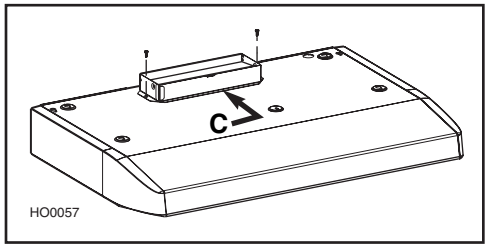


5. INSTALL THE ADAPTER/DAMPER

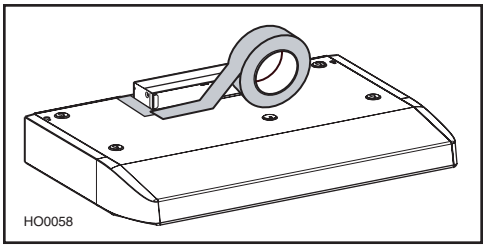
For an **horizontal discharge installation only**, unfold (if need be) the foldable flange (**C**) of the adapter/damper. This flange must be at 90° from the remaining flanges. See figure below.



For a **vertical discharge installation only**, if need be, fold up the foldable flange (**C**) of the adapter/damper. This flange must be at 90° from the adapter/damper sides. Locate this flange towards the front of the hood. See figure below.



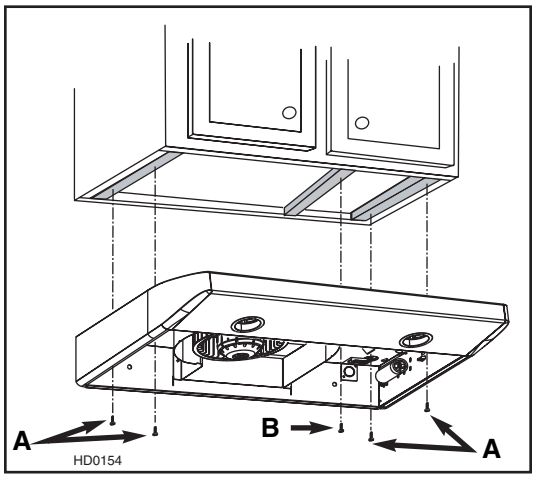
Using (2) ½" screws, secure the adapter/damper to the top or back of the hood. Tape the adapter/damper to the hood using duct tape to seal it.



NOTE: For the best ventilation performance, if a round duct must be used, the duct diameter must be 6" or more. Use a 3 ¼" x 10" to 6" round transition. The wall duct must be well prepared to receive the adapter. Before performing the installation, make sure the adapter fits easily in the duct. If this hood replaces another one, please note that location of the air exhaust can vary from one manufacturer to another.

6. INSTALL THE HOOD

Run power cable to installation location. Place the hood at its location. Using a pen, mark the position of the screws (smaller part of the **embossed** keyholes). Remove the hood and install (4) ½" double thread screws at sides locations (**A**), leaving a ⅛" gap. Place the wire clamp, insert the cable in the hood and tighten the wire clamp to secure the cable. Place the hood under the cabinet and slide it in position. Make sure the adapter/damper assembly enters the ducting and the damper opens freely. Secure the hood by tightening the screws completely. Install the last ½" double thread screw (**B**) in the remaining embossed hole.



7. CONNECT WIRING

⚠ WARNING

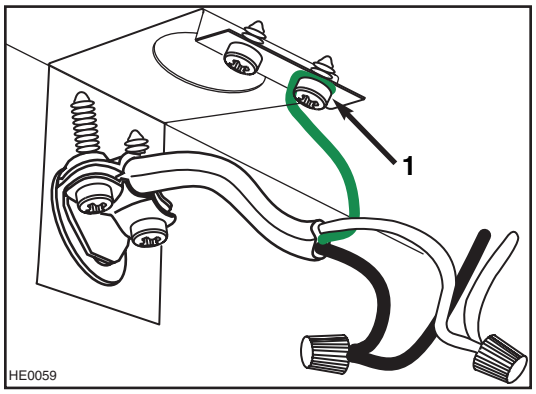
Risk of electrical shock. Electrical wiring must be done by qualified personnel in accordance with all applicable codes and standards. Before connecting wires, switch power off at service panel and lock service disconnecting means to prevent power to be switched on accidentally.

Connect cable to range hood wiring using included wire connectors.

Connect BLACK to BLACK, WHITE to WHITE and GREEN or BARE WIRE to GREEN ground screw (**1**).

⚠ WARNING

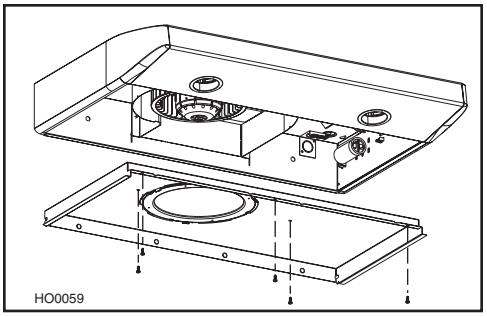
Do not forget to connect the ground!



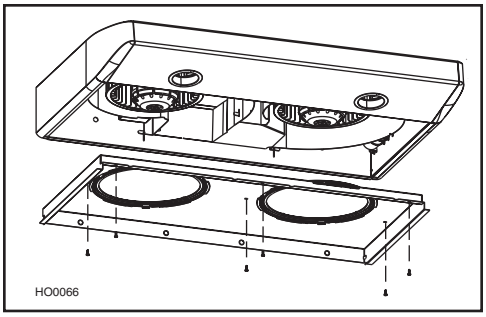
8. REINSTALL BOTTOM PANEL

Reinstall the bottom panel, using 5 screws for a single blower hood and 6 screws for a double blower hood, as shown below.

SINGLE BLOWER HOOD



DOUBLE BLOWER HOOD



Then, reinstall filters.

CAUTION

Remove protective plastic film covering filters before reinstalling them (if need be).

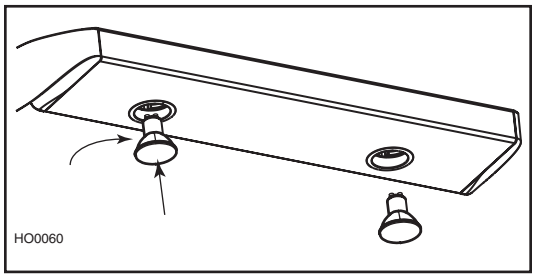
9. HALOGEN LIGHT BULBS

This range hood must use 120 V, 50 W, MR16 with GU10 base or PAR16 with GU10 base, shielded halogen lamps (purchase separately).

⚠ WARNING

In order to prevent the risk of personal injury, do not install a lamp identified for use only in enclosed fixtures.

Install the lamps by placing the bulb leads into their grooves in the socket and gently push upward and turn clockwise until secured.



⚠ WARNING

In order to prevent the risk of personal injury, the halogen lamps must be cooled down before removing them.

To remove lamps, gently push upward and turn counterclockwise to disengage bulb leads from their grooves.

10. CLEANING

⚠ WARNING

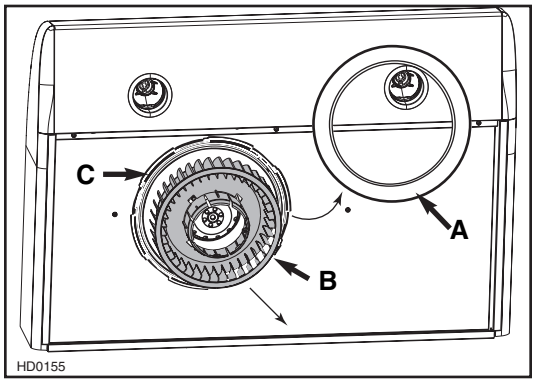
Refer to the specification label on the hood to see if this hood is equipped with a thermostat which may start blower automatically. In this case, to reduce the risk of injury and to prevent power to be switched on accidentally, switch power off at service panel and lock or tag service panel before cleaning.

The grease filters, bottom panel, intake ring(s) (**A**) and blower wheel(s) (**B**) should be cleaned frequently. Use a warm detergent solution. The grease filters, intake ring(s) and blower wheel(s) are dishwasher safe.

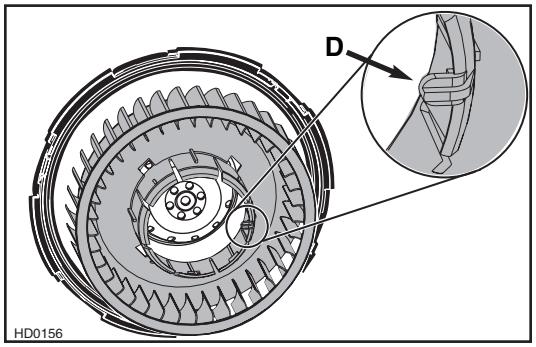
NOTE: Some minerals, when in contact with dishwasher soap additives, may cause filters discoloration. This discoloration is not covered by the warranty.

To remove a blower wheel, first take off its intake ring. Then remove the blower wheel by pulling it down smoothly.

NOTE: Do not try to remove the black part (**C**) attached to the bottom panel.



When reinstalling the blower wheel(s), make sure the small tab (**D**) will fit into one hole of the motor(s).



STAINLESS STEEL CLEANING:

Do:	**Don't:**
• Regularly wash surfaces with clean cloth or rag soaked with warm water and mild soap or liquid dish detergent. • Always clean in the direction of original polish lines. • Always rinse well with clear water (2 or 3 times) after cleaning. Wipe completely dry. • You may also use a specialized household stainless steel cleaner.	• Do not use any steel or stainless steel wool or any other scrapers to remove stubborn dirt. • Do not use any harsh or abrasive cleansers. • Do not allow dirt to accumulate. • Do not let plaster dust or any other construction residues reach the hood. During construction or renovation, cover the hood to make sure no dust adheres to stainless steel surface.

10. CLEANING (CONT'D)

STAINLESS STEEL CLEANING (CONT'D):

Avoid: when choosing a detergent

- Any cleaners that contain **bleach** will attack stainless steel.
- Any products containing: **chloride**, **fluoride**, **iodide**, **bromide** will deteriorate surfaces rapidly.
- Any **combustible products** used for cleaning such as **acetone**, **alcohol**, **ether**, **benzol**, etc., are highly explosive and should never be used close to a range.

ENAMEL FINISH:

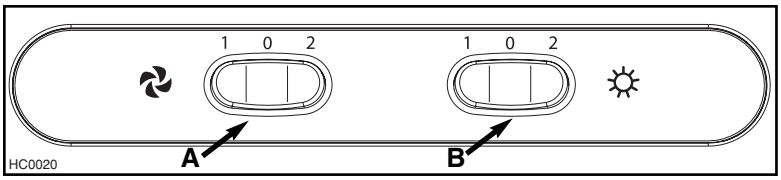
Clean with warm water and mild detergent only. If discoloration occurs, use a good enamel polish such as automotive polish. (DO NOT use rough abrasive cleaner or porcelain cleaner.)

11. OPERATION

Always turn on the hood before begining cooking in order to establish an air flow in the kitchen. Let the blower(s) run for a few minutes to clear the air after turning off the range.

Following are all the controls used by the hood models covered in this manual. Identify the one installed on your hood and see how to operate it.

ROCKER SWITCH CONTROL



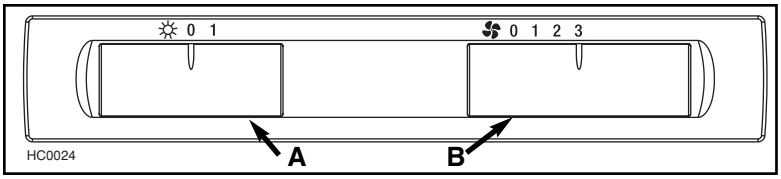
A. ON/OFF BLOWER AND SPEED CONTROL SWITCH:

This 3-position rocker switch controls the blower speed. Pressing on left side (**1**) will result in low speed operation, while pressing on right side (**2**) will turn on the blower to high speed. To stop the blower operation, set the rocker switch to the central position (**0**).

B. ON/OFF LIGHTING INTENSITY CONTROL SWITCH:

This 3-position rocker switch controls the lighting level. According to your needs, press on left side (**1**) to get nightlight intensity, or press on right side (**2**) to obtain full lighting. To shut off the lights, set the rocker switch to the central position (**0**).

SLIDER SWITCH CONTROL



A. OFF/ON LIGHTING SWITCH:

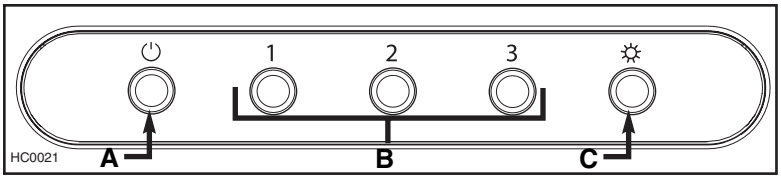
To turn on the lights, slide this switch to the right (**1**), and slide to the left (**0**) to turn them off.

B. ON/OFF BLOWER AND SPEED CONTROL SWITCH:

Slide this switch to the right to turn on the blower. Slide to (**1**) will result in low speed operation, slide to (**2**) to reach the medium speed and slide to (**3**) to turn the blower to high speed. To stop the blower operation, slide this switch completely to the left (**0**).

11. OPERATION (CONT'D)

MECHANICAL PUSH-BUTTON CONTROL



A. OFF BLOWER SWITCH:

Press on this switch to stop the blower operation.

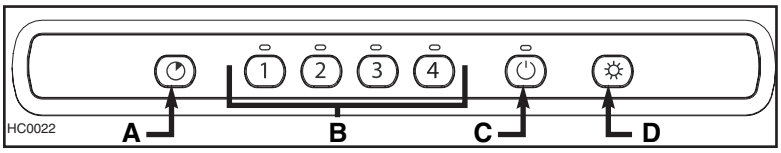
B. SPEED BLOWER SWITCHES:

Press on left switch (**1**) to turn on the blower on low speed, on middle switch (**2**) to turn on the blower on medium speed, and on right switch (**3**) to turn on the blower on high speed.

C. ON/OFF LIGHTING SWITCH:

Press on this switch to turn on the lights, and press again to turn them off.

OVAL ELECTRONIC CONTROL



A. DELAY SWITCH:

When a blower speed is selected, press this switch to activate the delay function. The corresponding speed indicator light will flash to indicate this function is activated. The blower will continue to operate for 5 minutes and will stop automatically. To cancel the delay function, press the delay switch once again.

B. START/STOP/SPEED SELECTION SWITCHES:

Press the switch corresponding to the desired blower speed. The light over the switch indicates the selected speed (from **1** for low speed to **4** for high speed). To turn off the blower, press once more on the corresponding blower speed switch.

NOTE: When blower is off, pressing on blower speed **1** switch will cause the blower to start on high speed for a very short lapse of time, and then resume on speed **1**.

C. MASTER OFF/FILTER MAINTENANCE/SMARTVENT® (TRIPLE FUNCTION SWITCH):

i. To turn off the blower and the light simultaneously, press the switch once.

ii. After 25 hours of operation, the filter maintenance light indicator will turn itself on. This indicates the filters and the blower wheel(s) need to be cleaned in order to maintain efficient operation of the unit. The indicator light will stay on until the function is reset by pressing this switch for 3 seconds.

iii. The light indicator is used for the Smartvent® function as well (**NOT AVAILABLE ON ALL HOOD MODELS**).

SMARTVENT®: When an excessively high temperature is detected, the detector takes control over the blower and set it on speed **3**; the corresponding light indicator comes on and the indicator of the Smartvent® switch flashes.

⚠ WARNING

The Smartvent® can start the blower even if the hood is turned off. When this situation occurs, it is impossible to turn the blower off using the push buttons. If you must stop the blower, do it from the main electrical panel.

The blower will remain on until the heat is back to normal, it then returns to the speed previously selected.

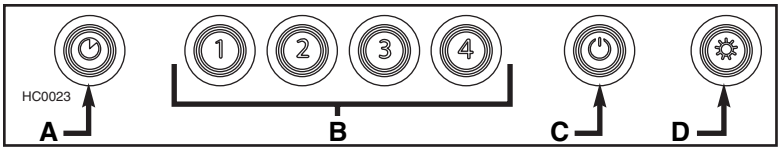
NOTE: In a case of range top grease fire (temperature exceeding 90°C), the Smartvent® will be deactivated to prevent fire propagation.

D. LIGHT SWITCH:

This switch allows three different lighting levels according to your needs. Press once for nightlight, twice for normal or three times to obtain full intensity. To shut off the lights without turning off the blower, press once more.

11. OPERATION (CONT'D)

ROUND ELECTRONIC CONTROL



A. DELAY SWITCH:

When a blower speed is selected, press this switch to activate the delay function. The corresponding blower speed switch will flash to indicate this function is activated. The blower will continue to operate for 5 minutes and will stop automatically. To cancel the delay function, press the delay switch once again.

B. START/STOP/SPEED SELECTION SWITCHES:

Press the switch corresponding to the desired blower speed (from **1** for low speed to **4** for high speed). The chosen switch will light. To turn off the blower, press once more on the corresponding blower speed switch; the switch light will shut off.

NOTE: When blower is off, pressing on blower speed **1** switch will cause the blower to start on high speed for a very short lapse of time, and then resume on speed **1**.

C. MASTER OFF/FILTER MAINTENANCE/SMARTVENT® (TRIPLE FUNCTION SWITCH):

i. To turn off the blower and the light simultaneously, press this switch once.

ii. After 25 hours of operation, this switch will light to indicate the filters and the blower wheel(s) need to be cleaned in order to maintain efficient operation of the unit. The switch light will stay on until the function is reset by pressing this switch for 3 seconds.

iii. The light indicator is used for the Smartvent® function as well.

SMARTVENT®: When an excessively high temperature is detected, the detector takes control over the blower and set it on speed **3**; its switch light comes on and the Smartvent® switch flashes.

⚠ WARNING

The Smartvent® can start the blower even if the hood is turned off. When this situation occurs, it is impossible to turn the blower off using the push buttons. If you must stop the blower, do it from the main electrical panel.

The blower will remain on until the heat is back to normal, it then returns to the speed previously selected.

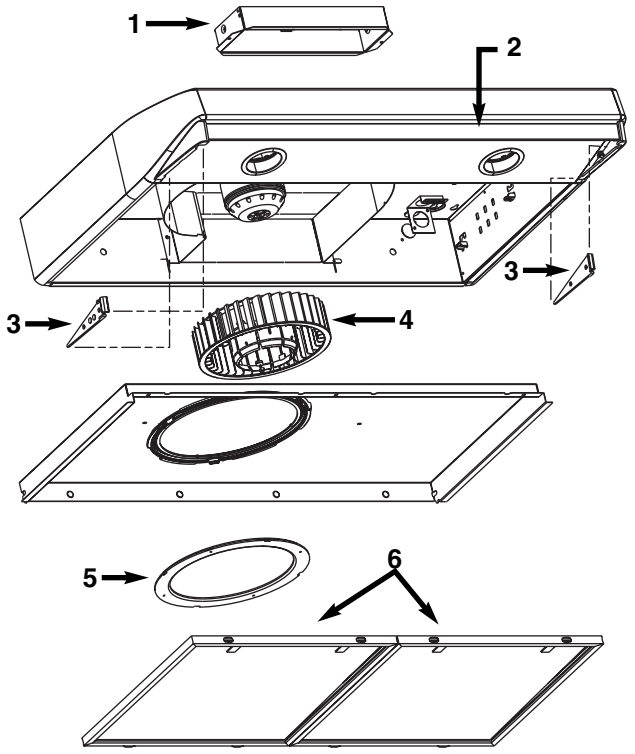
NOTE: In a case of range top grease fire (temperature exceeding 90°C), the Smartvent® will be deactivated to prevent fire propagation.

D. LIGHT SWITCH:

This switch allows three different lighting levels according to your needs. Press once for nightlight, twice for normal or three times to obtain full intensity. To shut off the lights without turning off the blower, press once more.

12. SERVICE PARTS

SINGLE BLOWER RANGE HOODS



HL0061

C180, C270, HDN17 AND V10 SERIES

KEY No	PART No.	DESCRIPTION	QTY PER SERIES C180 C270	QTY PER SERIES HDN17 V10
1	13296	ADAPTER/DAMPER	1	1
2	16153	SMOKED GLASS	1	-
3	16150	GLASS HOLDER BLACK (PAIR)	1	-
	16151	GLASS HOLDER WHITE (PAIR)	1	-
	16152	GLASS HOLDER GREY (PAIR)	1	-
4	01988	BLOWER WHEEL	1	1
5	01757	INLET RING	1	1
6	01989	ALUMINUM FILTERS (THE PAIR)	1	1
*	07020	INSTALLATION & USER MANUAL	1	1
*	04281	HARDWARE BAG: (1) WIRE CLAMP, (2) WIRE CONNECTORS (6) #6 x 1/2" SCREWS, (5) DOUBLE THREAD SCREWS	1	1

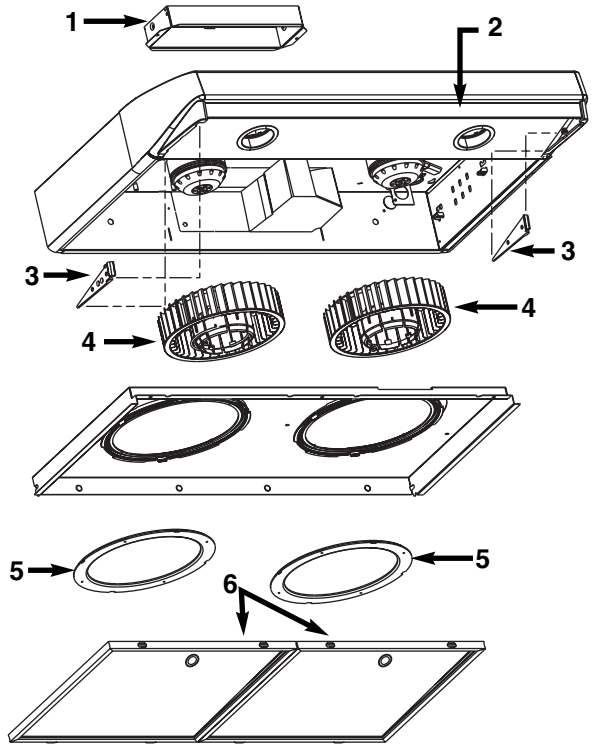
* Item not shown

C370, ED370, ROB15, ROB35, ROV15, ROV35 AND V30 SERIES

KEY No	PART No.	DESCRIPTION	QTY PER SERIES C370 ED370	ROB15 ROB35	ROV15 ROV35	V30
1	13296	ADAPTER/DAMPER	1	1	1	1
2	16153	SMOKED GLASS	1	-	-	-
3	16150	GLASS HOLDER BLACK (PAIR)	1	-	-	-
	16151	GLASS HOLDER WHITE (PAIR)	1	-	-	-
	16152	GLASS HOLDER GREY (PAIR)	1	-	-	-
4	01988	BLOWER WHEEL	1	1	1	1
5	01757	INLET RING	1	1	1	1
6	14131	MICROMESH FILTERS (THE PAIR)	1	1	1	1
*	07020	INSTALLATION & USER MANUAL	1	1	1	1
*	04281	HARDWARE BAG: (2) WIRE CONNECTORS, (1) WIRE CLAMP, (5) DOUBLE THREAD SCREWS (6) #6 x 1/2" SCREWS	1	1	1	1

* Item not shown

DOUBLE BLOWER RANGE HOODS



HL0062

C600E, ED600E, C600M AND V40E SERIES

KEY No	PART No.	DESCRIPTION	QTY PER SERIES C600E ED600E	C600M	V40E
1	13296	ADAPTER/DAMPER	1	1	1
2	16153	SMOKED GLASS	1	1	-
3	16150	GLASS HOLDER BLACK (PAIR)	1	1	-
	16151	GLASS HOLDER WHITE (PAIR)	1	1	-
	16152	GLASS HOLDER GREY (PAIR)	1	1	-
4	01988	BLOWER WHEEL	2	2	2
5	01757	INLET RING	2	2	2
6	16149	DE LUXE MICROMESH FILTERS (THE PAIR)	1	1	-
	14131	MICROMESH FILTERS (THE PAIR)	-	-	1
*	07020	INSTALLATION & USER MANUAL	1	1	1
*	04281	HARDWARE BAG: (2) WIRE CONNECTORS, (1) WIRE CLAMP, (5) DOUBLE THREAD SCREWS, (6) #6 x 1/2" SCREWS	1	1	1

* Item not shown